



6.12AB: Prokaryotic and Eukaryotic Cells

Organisms and Environments

Name: _____ Date: _____ Per: _____

WEB SURFING SCIENCE!

Using the Web Surfing Science! websites your teacher has assigned to you, complete the following online treasure hunt.

Part I: What is a Cell?

Part II: Types of Cells

Part III: Eukaryotic vs. Prokaryotic

Part I: What is a Cell?

1. What are cells?

2. What are some of the things cells can do?

3. What are the two categories of cells?



Part II: Types of Cells

1. What are the types of cells?

2. What is the main difference between the two cells?

3. Give two example of prokaryotic cells and two examples of eukaryotic cells.
(Hint: Look at the pictures)

Prokaryotic examples

Eukaryotic examples

4. Which is NOT a shape of prokaryotic cells?

- | | |
|--------------|-----------------|
| a. rod-shape | c. spherical |
| b. square | d. spiral-shape |



Part III: Eukaryotic vs. Prokaryotic

1. Eukaryotic and prokaryotic cells have many differences, but also a few things in common. In the Venn Diagram below, compare and contrast the two cell types.

Prokaryotic Cell

Eukaryotic Cell

